

PHD COURSE IN	ARCHAEOLOGY, HISTORY AND HUMANITIES
COORDINATOR	Maria Grazia Melis –mgmelis@uniss.it
TRAINING OBJECTIVES	<p>The main purpose of the Course is to train graduates in advanced research, supporting the increase of knowledge in the disciplines that characterise it, methodological skills, the ability to autonomously conduct high-level research activities, and the ability to compare and dialogue within the scientific community and with the general public.</p> <p>Doctoral students will have the concrete opportunity to take part in the numerous scientific activities carried out by the members of the College and by the scholars who will be called upon to intervene with initiatives of a didactic nature as part of their training. The numerous research activities, in the laboratory and in the field, which are concentrated not only in Sardinia but also in France, Spain, Romania, Tunisia and Lebanon, will be able to count on the active involvement of the doctoral students. Through an intensive high-level training process, specifically dedicated to refining the critical tools of scientific research, the PhD students will be able to familiarise themselves with the methodologies of data collection and processing, up to the realisation of original research paths that will lead them to acquire the skills to publish scientific papers in monographic form or in the form of articles for indexed journals.</p>
AREAS OF INTEREST (SSD)	<p>L-ANT/01 L-ANT/07 L-ANT/08 L-ANT/10 L-OR/06 VET/01</p>
METHOD OF EVALUATION	Titles, project and interview (30+20+50)
CONTEST POSITIONS AND TOPICS RELATED TO SCHOLARSHIPS (by administrative category)	<p>No. 1 scholarship co-funded by PRIN P2022CXH73 – “<i>ARAKNE-The intertwining of Biodiversity and Culture of textile fibres heritage. Bioarchaeological investigation on flax and wool diversity loss; from a deep time perspective to strategies for conservation and promotion of “bio-cultural heritage”</i>” – CUP J53D23017700001</p>
VALID TOPICS FOR PROJECT AND INTERVIEW	<p>Theme 1: The exploitation of wool in ancient times. Archaeozoological approach;</p> <p>Topic 2: The role of animal hard material artefacts in weaving in ancient times. Archaeozoological, morphological, technological and functional approach.</p>
INDICATIONS CONCERNING THE RESEARCH PROJECT	The research project has a maximum of 4500 characters including spaces and excluding bibliography.
DIRECTIONS ON THE ORAL TEST	Telamatics only

PHD COURSE IN	ARCHITECTURE AND ENVIRONMENT
COORDINATOR	Fabio Bacchini – bacchini@uniss.it
TRAINING OBJECTIVES	<p>The aim of the PhD programme in Architecture and Environment is to train a researcher capable of understanding built spaces and their relationships with the environment and landscape in order to design their management and transformation. In particular, the perspective of the PhD programme is to train new researchers capable of reflecting within action and learning in a self-formative process. The primary objective of the course is to generate new scientists, professionals and entrepreneurs capable of achieving international prominence.</p> <p>The PhD Course promotes a systemic and multidisciplinary approach, in which the contents, objectives and research methodologies are consistent with the individual research topics and are open to an interdisciplinary approach as proposed by the course design. The various disciplines that are part of the doctoral programme aim to work in an innovative and sustainable manner with respect to the challenges of an ever-changing society, dealing with material and immaterial objects in relation to the structures and functions of complex ecosystems.</p> <p>In addition to the basic objectives typical of the third cycle of Higher Education, which envisage the perfect mastery of sources within a disciplinary framework relating to one's research, good writing skills in a scientific and academic context and the ability to transmit scientific results through appropriate forms of communication, the PhD Course in Architecture and Environment has as its peculiar objectives the construction of specific contents relating to a research method that responds to specific themes of investigation of the various disciplines pertaining to the course and the construction of operative methodologies that envisage an analytical-constructive reading parallel to a profound reflection on action. The interoperable components between the different fields, in collaboration with various research organisations and territorial government structures, aim to provide research and training capacities that enable the future PhD to respond to issues of particular complexity and specificity even in non-academic environments, such as private companies and local authorities.</p>
AREAS OF INTEREST (SSD)	<p>AGR/14 BIO/03 BIO/07 GEO/02 GEO/03 GEO/04 GEO/08 GEO/09 ICAR/05 ICAR/08 ICAR/12 ICAR/13 ICAR/14 ICAR/17 ICAR/18 ICAR/19 ICAR/20 ICAR/21 ING-INF/05</p>

	L-ANT/09 MAT/05 MED/42 M-DEA/01 M-FIL/01 M-FIL/02 M-FIL/03 M-FIL/04 M-FIL/05
METHOD OF EVALUATION	Titles and interview (30+70)
CONTEST POSITIONS AND TOPICS RELATED TO SCHOLARSHIPS (by administrative category)	No. 1 scholarship co-funded by the Department of Architecture, Design and Urban Planning and the University Topic: Adaptive buildings with climate-responsive envelope suitable for indoor well-being and healthiness of confined environments. Technological innovations in building with low environmental impact and circular products and artefacts
VALID TOPICS FOR PROJECT AND INTERVIEW	The same themes already indicated for the scholarships should be used
INDICATIONS CONCERNING THE RESEARCH PROJECT	The research project can be written either in Italian or in English. Research projects should not exceed 5000 characters (including spaces and excluding the list of references) and should be articulated into the following sections: Title (maximum 70 characters); Short research question (maximum 150 characters); Goals; Positioning of the research project with regard to the state of the art in the relevant disciplinary field(s); Methodology; Social and practical implications; Originality. The research project will not receive a separate panel score and will rather be used as a basis for discussion during the interview.
DIRECTIONS ON THE ORAL TEST	The interview can optionally be held online or in-person

PHD COURSE IN	CULTURES, LITERATURES, RIGHTS, TOURISM AND TERRITORY
COORDINATOR	Carla Bassu – carlabassu@uniss.it
TRAINING OBJECTIVES	<p>PhD students in the PhD Course in Cultures, Literatures, Rights, Tourism and Territory will have to:</p> <ul style="list-style-type: none"> - develop a theoretical-critical instrumentation adapted to the complex cultural and social scenario generated by globalisation, going back to its social and linguistic cultural roots, in the context of pluralist democracy; - critically examine the transnational dynamics of today's knowledge society and at the same time oppose the uncritical homologation of contemporary reality, drawing on the cultural wealth of the territory and the memory of the past, also in function of a collaboration with companies, local authorities and communities in the perspective of democratic social order; - increase their linguistic, sociological and literary knowledge with a view to broadening their research horizons and international mobility; - provide skills for the use of new research methods through new technologies; - develop skills and research methodologies in relation to cultural activities linked to the territory with a view to economic enhancement; - develop skills relating to technological tools for analysing spatial data
AREAS OF INTEREST (SSD)	<p>IUS/21 L-ANT/01 L-ART/03 L-ART/06 L-ART/07 L-FIL-LET/08 L-FIL-LET/10 L-FIL-LET/11 L-FIL-LET/13 L-LIN/01 L-LIN/04 L-LIN/05 L-LIN/10 L-LIN/14 M-DEA/01 M-FIL/05 M-GGR/01 M-GGR/02 M-PSI/05 SECS-P/13 SPS/07</p>
METHOD OF EVALUATION	Titles, research project and interview (30+20+50)
CONTEST POSITIONS AND TOPICS RELATED TO SCHOLARSHIPS (by administrative category)	<p>1 fellowship funded by ISRE Topic: La documentazione del sardo e delle alloglossie di Sardegna in tutti i livelli di analisi linguistica (fonologia, morfologia, sintassi, semantica, pragmatica e lessico): approcci teorici, metodi, nuove tecnologie</p> <p>1 fellowship funded by ISRE Topic:</p>

	Per un'analisi della produzione letteraria in Sardegna tra plurilinguismo e policentrismo dal dopoguerra a oggi
VALID TOPICS FOR PROJECT AND INTERVIEW	The same themes already indicated for the scholarships should be used
INDICATIONS CONCERNING THE RESEARCH PROJECT	The project must have a maximum length of 3 folders excluding the bibliography
DIRECTIONS ON THE ORAL TEST	The interview can optionally be held online or in-person

PHD COURSE IN	AGRICULTURAL SCIENCES
COORDINATOR	Severino Zara - szara@uniss.it
TRAINING OBJECTIVES	<p>The course aims to train highly qualified PhDs capable of meeting the demand for research and development in the fields of:</p> <ul style="list-style-type: none"> (i) agrometeorology and plant ecophysiology; (ii) productivity of agricultural crops; (iii) management and protection of agricultural and forestry production systems; conservation, protection and enhancement of natural resources; (iv) biotechnology aimed at regional, national and international production needs; v) breeding and reproduction techniques, nutrition and feeding, applied genetics and selection of zootechnical animals also with the use of molecular biology techniques, quality and safety of food products of animal origin. (vi) The study of forms of land degradation, understood as actual or potential loss of land productivity or utility due to natural or anthropogenic factors affecting food production and security, livelihoods, production and provision of other ecosystem goods and services. (vii) Factors and forces leading to land degradation and desertification. <p>In the three years PhD students acquire the scientific method and the skills necessary for preparing experimental designs, conducting experimental plans and laboratory activities, mathematical-statistical data processing, evaluating statistical-experimental inferences and disseminating research results.</p>
AREAS OF INTEREST (SSD)	<p>AGR/01 AGR/02 AGR/03 AGR/04 AGR/07 AGR/08 AGR/09 AGR/10 AGR/11 AGR/12 AGR/13 AGR/14 AGR/15 AGR/16</p>

	<p>AGR/17 AGR/18 AGR/19 AGR/20</p>
METHOD OF EVALUATION	<p>Titles and interview (30+70)</p>
CONTEST POSITIONS AND TOPICS RELATED TO SCHOLARSHIPS (by administrative category)	<p>Curriculum in Agrometeorology and Ecophysiology of Agricultural and Forestry Systems No. 1 scholarship co-funded by the PNRR (Project NBFC - Spoke 4) and Department of Agriculture. The procedure is financed under the PNRR Project CN_000033 "National Biodiversity Future Center - NBFC", admitted for funding by Directorial Decree no. 1034 of 17 June 2022; CUP J83C22000870007. Scientific Area: Agricultural and Veterinary Sciences Topic: Modelling for climate change adaptation;</p> <p>Curriculum in Microbial Biotechnology and Food Technology No. 1 scholarship funded by the Department of Agriculture Topic: Multi-analytical approach for the selection of functional starter yeasts isolated from goat milk;</p> <p>Curriculum in Monitoring and control of agricultural and forest ecosystems in the Mediterranean environment No. 1 scholarship funded by the Department of Agriculture Topic: Monitoring insecticide resistance in vectors.</p>
VALID TOPICS FOR PROJECT AND INTERVIEW	<p>The same themes already indicated for the scholarships should be used</p>
INDICATIONS CONCERNING THE RESEARCH PROJECT	<p>Follow what is already stated in the call for applications</p>
DIRECTIONS ON THE ORAL TEST	<p>Telamatics only</p>